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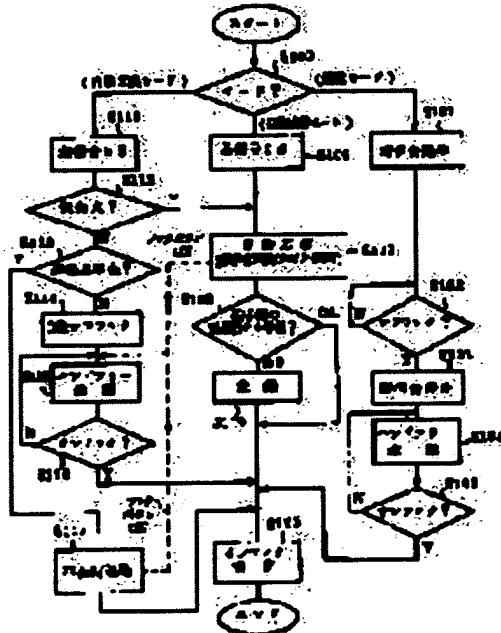
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## (54) MOBILE TELEPHONE SYSTEM

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To appropriately switch handfree communication and automatic response communication in a telephone system that uses a portable telephone in a vehicle.

**SOLUTION:** A mode is decided in S100. In a normal mode, handfree communication is performed in S104. In an automatic response mode, a voice and a microphone of the other party are interrupted and then automatic response is performed in S107. The telephone number of the other party is registered as necessary in the processing. In an automatic switching mode, handfree communication is performed in S115 only when it is decided that operation load is small and also when a driver is in a vehicle. When it is decided that operation load is large, automatic response is carried out, and when the driver is not in the vehicle, processing of absence is carried out. The fact of an automatic incoming call is signaled in a prescribed condition.



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CLAIMS

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[Claim(s)]

[Claim 1] The telephone system for mobiles characterized by including a mode selection means to choose the automatic-answering means which carries out automatic answering to the call from the other party, the hand free message means for performing a hand free message to the call from the other party in the case of hand free talk mode, and said automatic-answering mode and said hand free talk mode according to an operating duty, in the telephone system carried in a mobile in the case of automatic-answering mode.

[Claim 2] The telephone system for mobiles characterized by including a storage means to memorize the other party information in the case of said automatic-answering mode, and an information means to report that said other party information is memorized when it will be in predetermined operational status, in a system according to claim 1.

[Claim 3] The telephone system for mobiles characterized by including a storage means to memorize the other party telephone number in the case of said automatic-answering mode, and the reply control means which sends to the other party telephone number memorized by said storage means according to reply actuation in a system according to claim 1.

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